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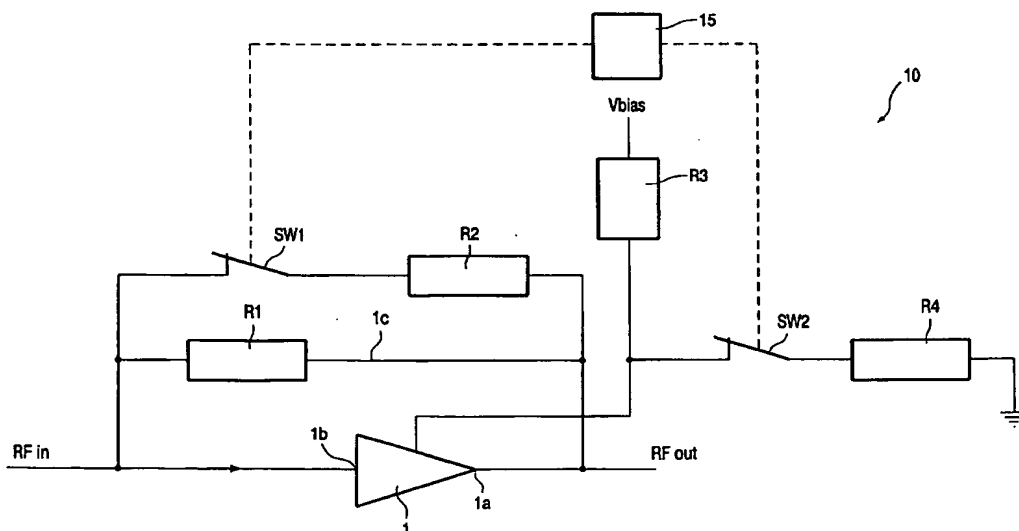
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FRONT STAGE AMPLIFIER WITH DIFFERENT MODES



(57) Abstract: A multimode front stage amplifier and method of amplifying a signal having an optimum signal output for weak signals as well as for strong signals provided for TV tuners. A product having a multimode front stage amplifier and provisions for selecting different modes of processing the signal.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H03F1/32 H03G3/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H03F H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 179 724 A (LINDOFF MATS E G) 12 January 1993 (1993-01-12) column 2, line 1 - line 27 ---	1-6
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) & JP 2002 057538 A (TOSHIBA CORP), 22 February 2002 (2002-02-22) abstract ---	1-6
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 02, 31 March 1995 (1995-03-31) & JP 06 326534 A (NIPPON ANTENNA KK), 25 November 1994 (1994-11-25) abstract -----	1-6

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☒ Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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